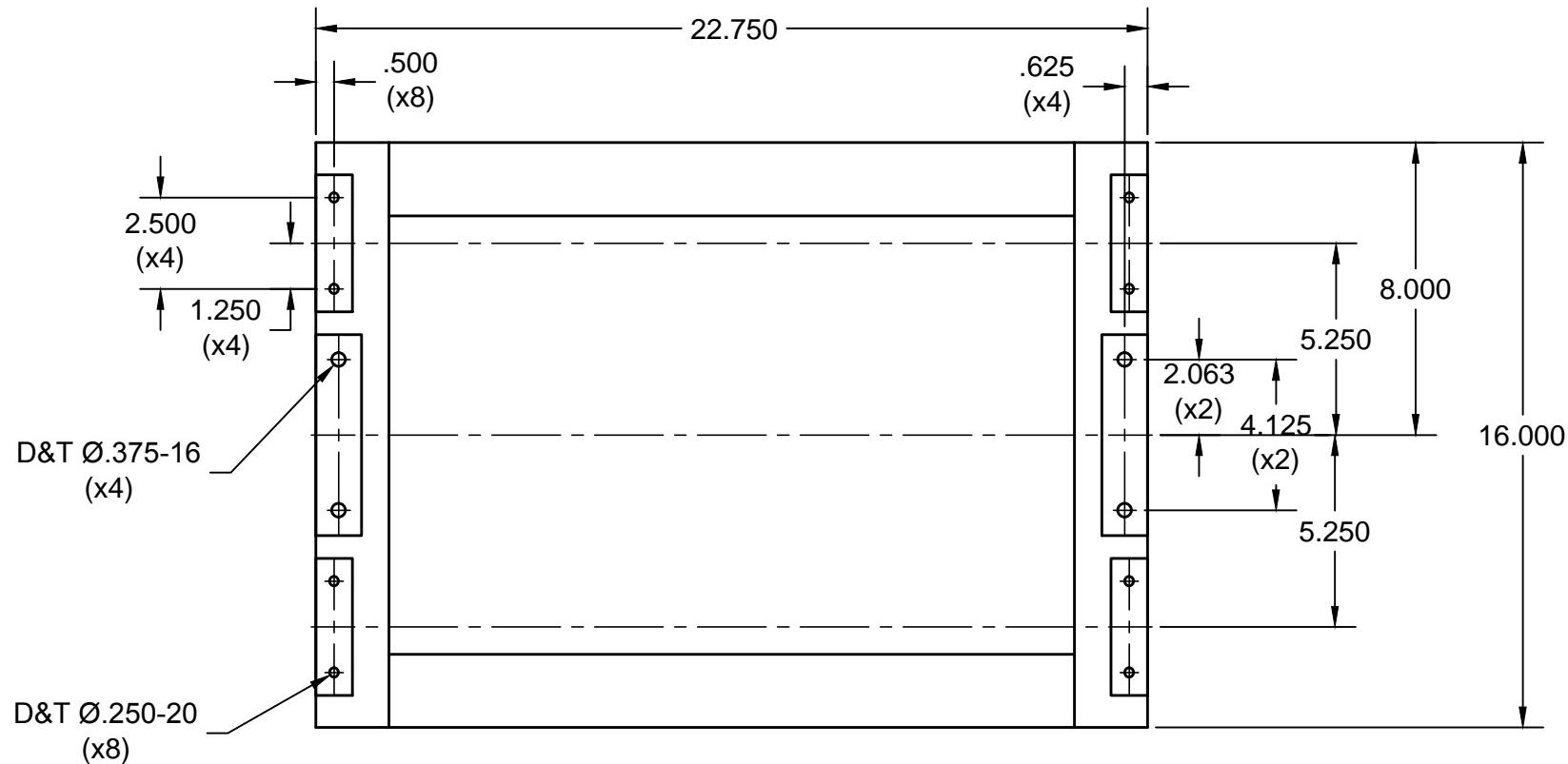


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
--	--	--
--	--	--
--	--	--
--	--	--

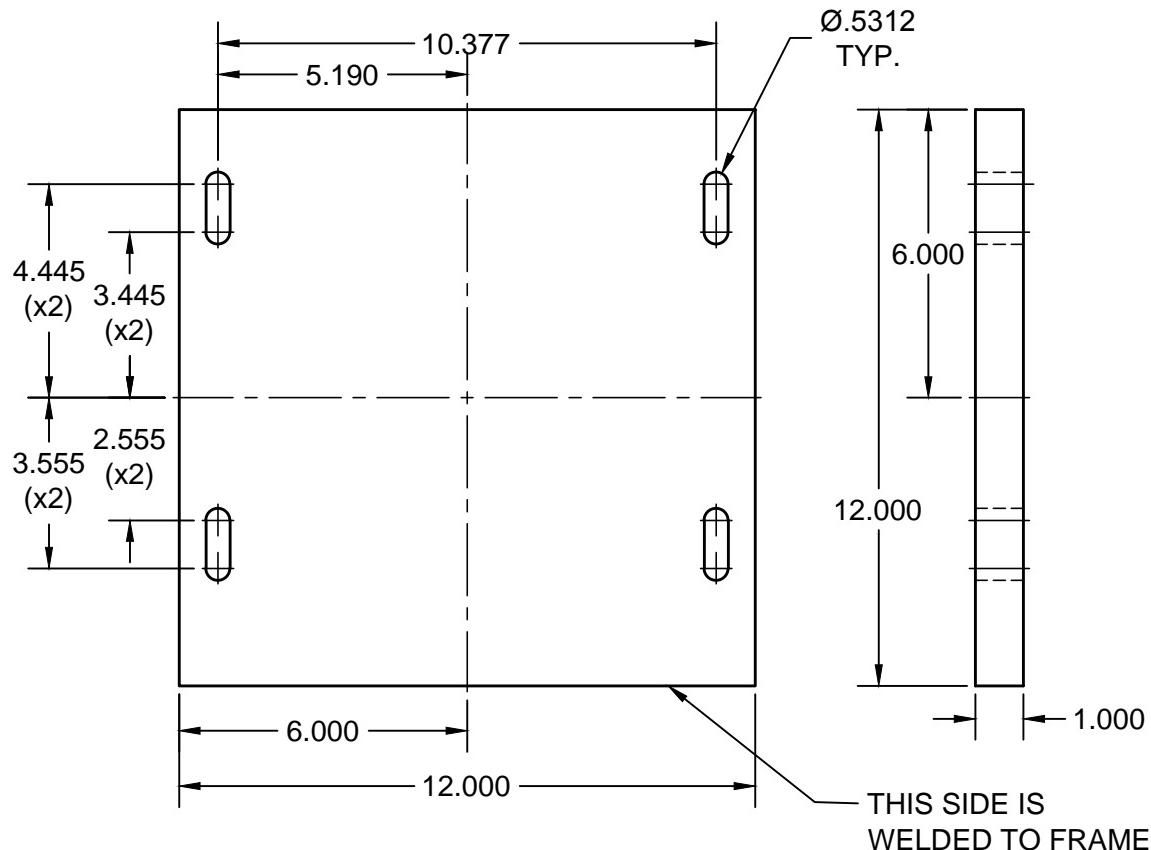
USED ON MODEL

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
HOLDING FIXTURE
DWG NO. 145G0095 REV
SCALE NTS DATE 2-16-06 SHEET 1 OF 2

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



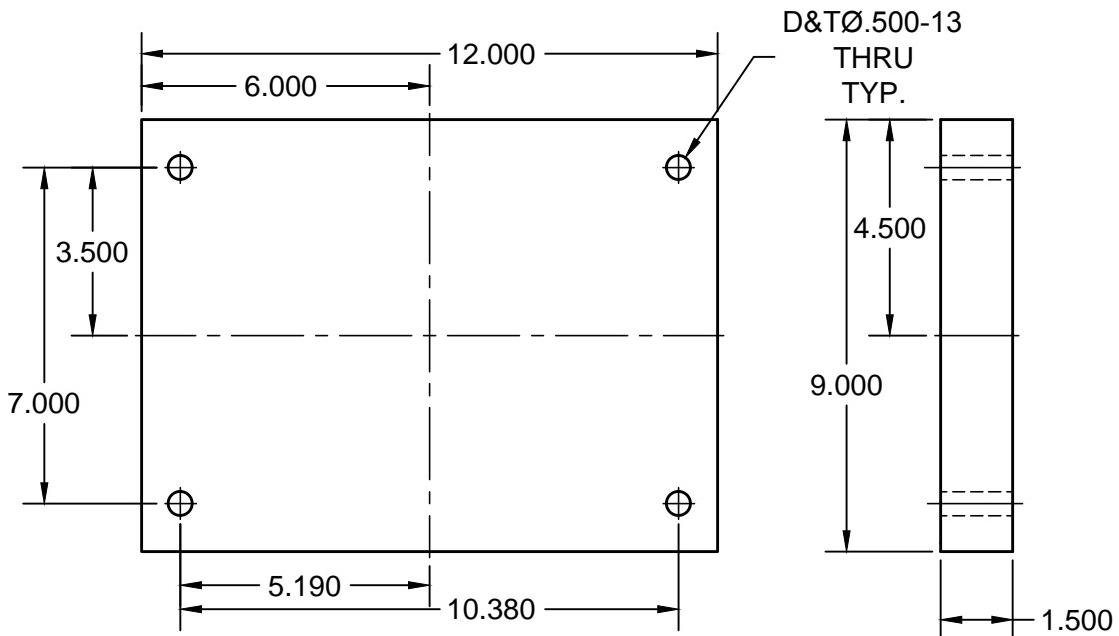
PART #	QTY	DESCRIPTION
-16	1	1018 1x12x12 PLATE
--	4	1/2-13 x 1-1/2 SOC HD CAP SCREWS
--	4	1/2 ID FLAT WASHERS
	4	1/2 ID LOCK WASHERS

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	--
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

TITLE	RB RED BARN MACHINE	
	HOLDING FIXTURE	
DWG NO.	145G0095	REV
SCALE	NTS	DATE 2-16-06 SHEET 1 OF 2

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

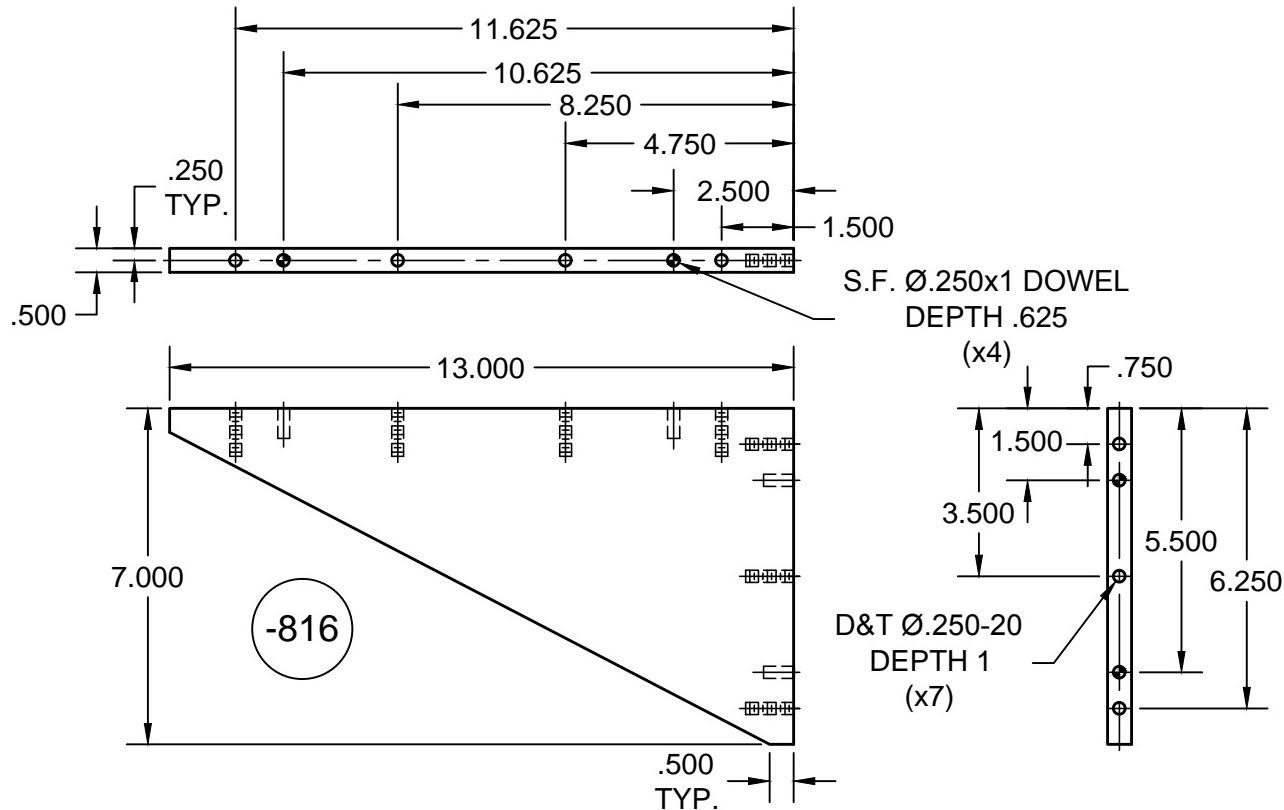


PART #	QTY	DESCRIPTION
-16	1	1018 1-1/2 x 12 x 9 SPACER PLATE
--	4	1/2-13 x 1-1/2 SOC HD CAP SCREWS
--	4	1/2 ID FLAT WASHERS
	4	1/2 ID LOCK WASHERS

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ± 5°
 X ± .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 HOLDING FIXTURE
 DWG NO. 145G0095 REV
 SCALE NTS DATE 2-16-06 SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

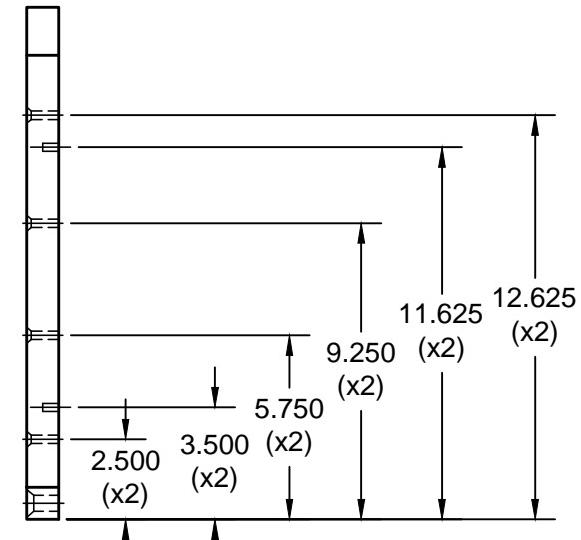
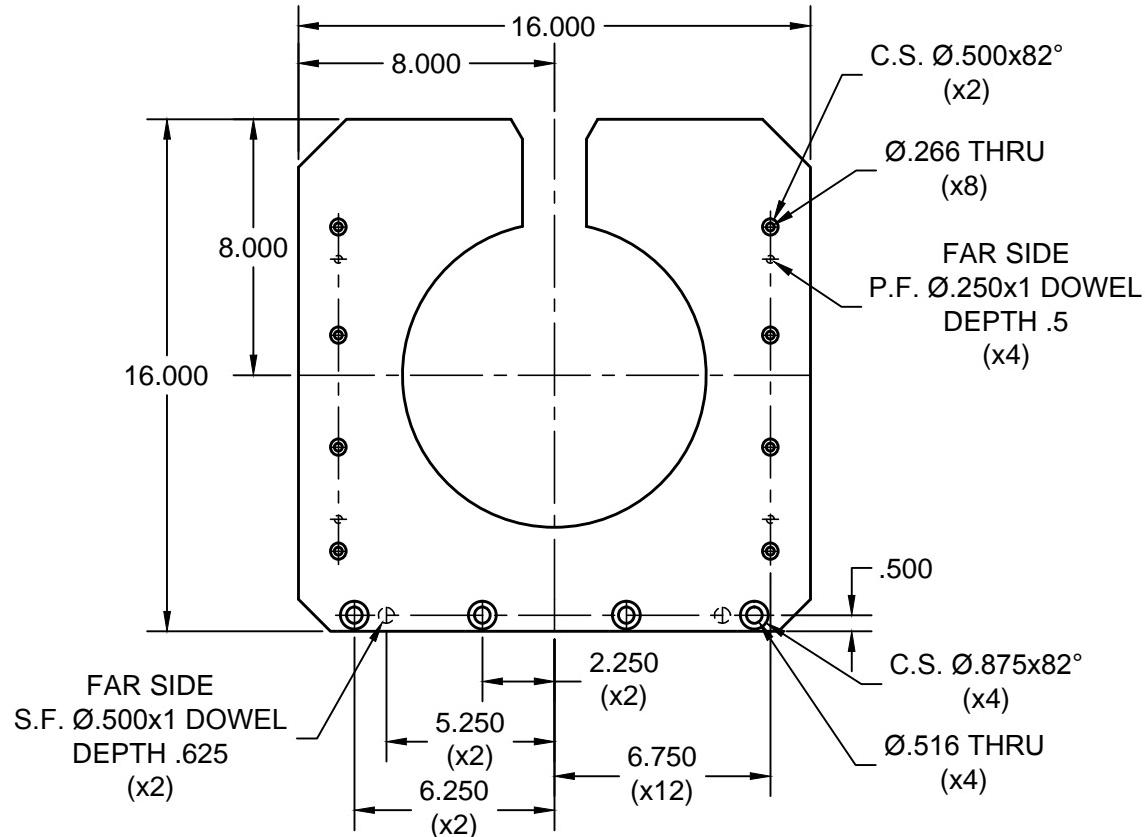


PART #	QTY	DESCRIPTION
-816	1	6061 .5x7x13 PLATE
		USED ON MODEL
		--
		--
		--
		--

DRAWN BY: PERRITT
 APPROVED
 HEAT TREAT
 FINISH SPEC --
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON:
 DECIMALS XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ± 5°
 X ± .1
 UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 015 x 45° PR 015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
 HOLDING FIXTURE PLATE
 DWG NO. 145G0095 REV
 SCALE NTS DATE 2-20-06 SHEET 3 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



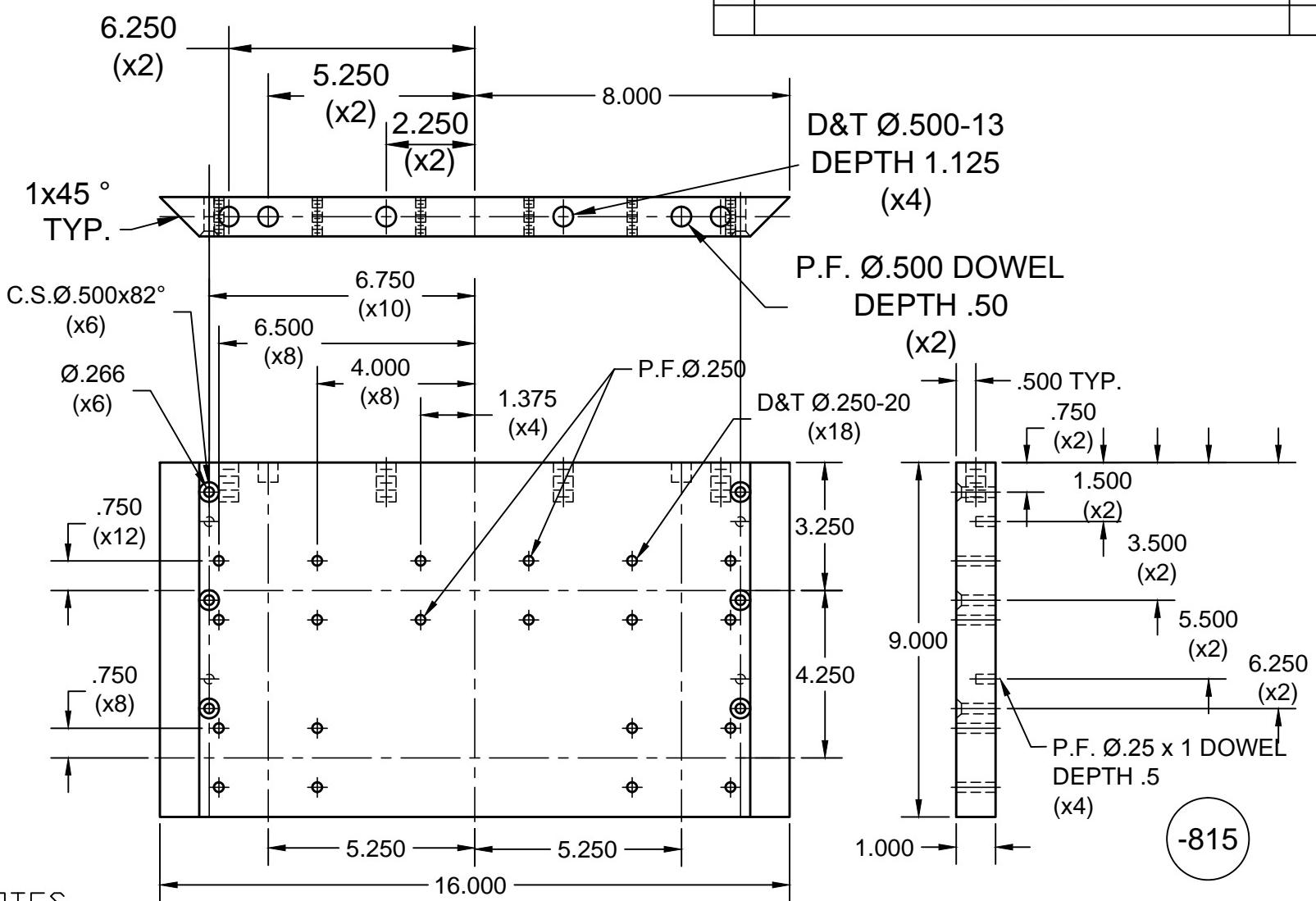
-817

NOTES
BOLTS LISTED ARE ADD ON'S

PART #	QTY	DESCRIPTION	USED ON MODEL
-817	1	6061 1 x 16 x 16 PLATE	--
	4	1/4 x 1 STL. DOWELS	--
	8	Ø1/4-20 x 2 FLAT HD. CAP SCREWS	--

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE HOLDING FIXTURE PLATE
DWG NO. 145G0095 REV
SCALE NTS DATE 2-20-06 SHEET 1 OF 3



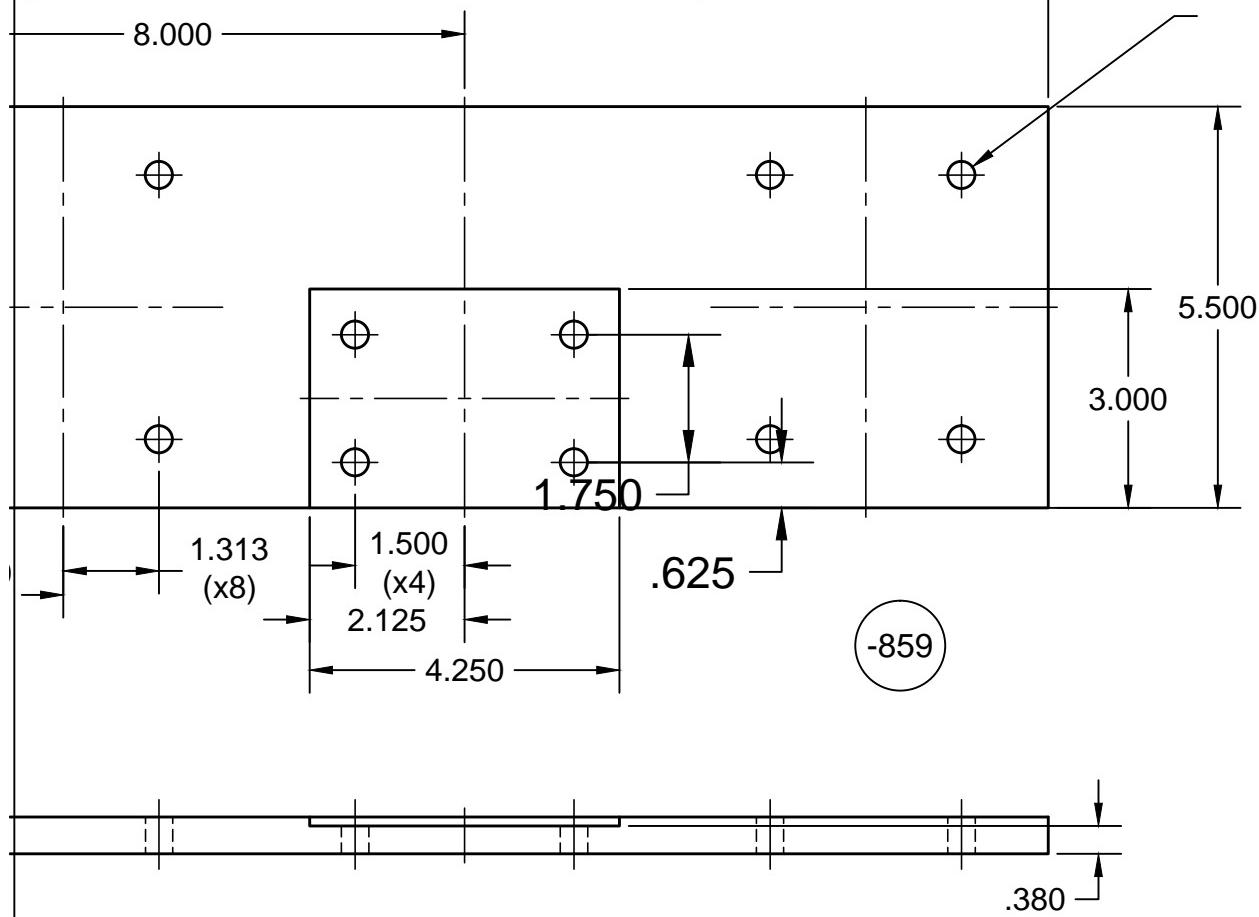
PART #	QTY	DESCRIPTION	USED ON MODEL
-815	1	6061 1x9x16 PLATE	--
	2	1/2 x 1 STL. DOWELS	--
	4	Ø1/2-13 x 2 FLAT HD. CAP SCREWS	--
	2	1/4 x 1 STL. DOWELS	--
	4	Ø1/4-20 x 2 FLAT HD. CAP SCREWS	--

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE HOLDING FIXTURE BK PLATE
DWG NO. 145G0095 REV
SCALE NTS DATE 2-20-06 SHEET 2 OF 3

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	D&T Ø.375-16 THRU TYP.		



PART #	QTY	DESCRIPTION
-859	1	1018 F.B. .5x5x8.5

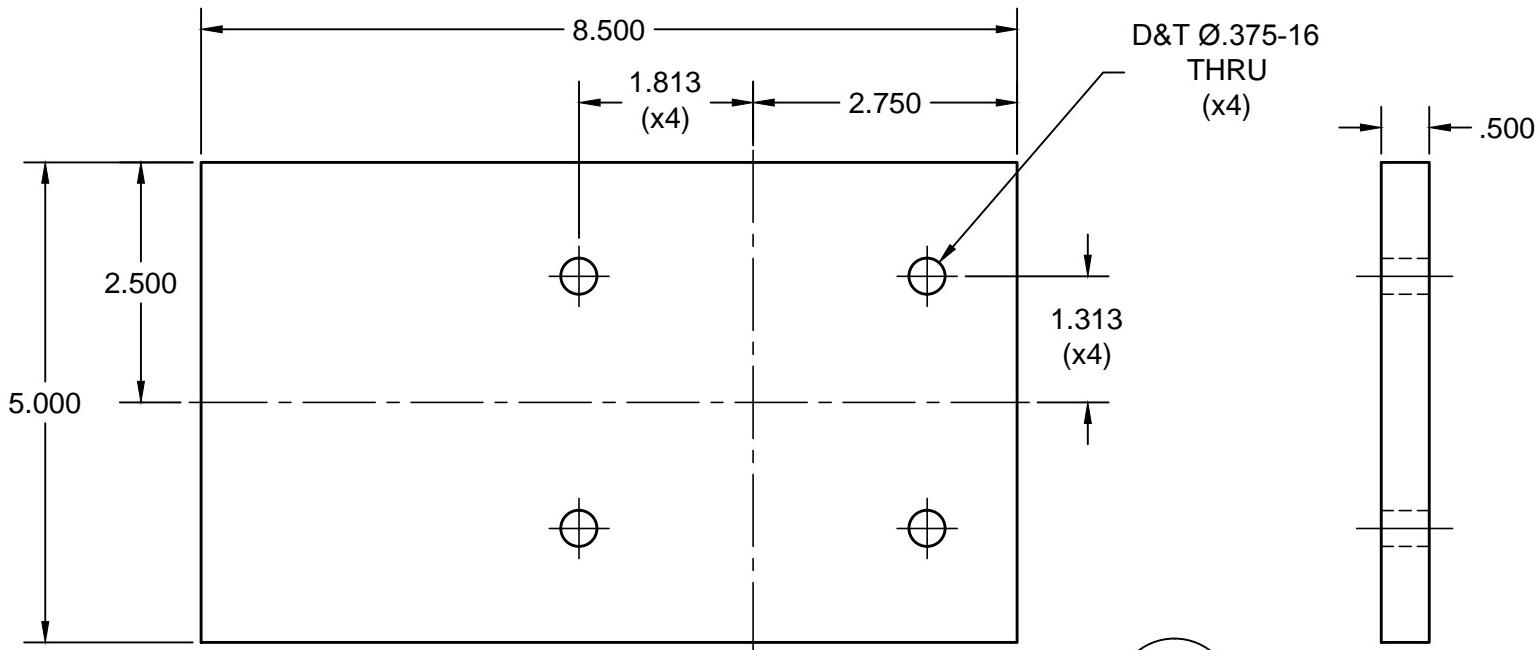
USED ON MODEL

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
WHEEL PLATES
DWG NO. 145G0095 REV
SCALE NTS DATE 2-6-06 SHEET 8 of 10

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

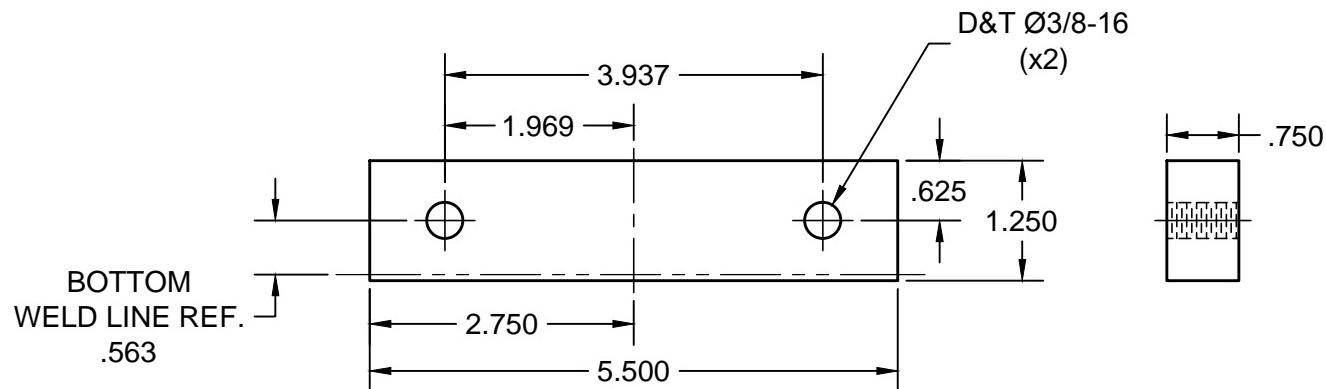


-807

DRAWN BY: PERRITT	TITLE		
APPROVED	RED BARN MACHINE		
HEAT TREAT	WHEEL PLATES		
FINISH SPEC	DWG NO. 145G0095		
---	REV		
USED ON MODEL	SCALE NTS DATE 2-6-06 SHEET 8 of 10		
--	UNLESS OTHERWISE SPECIFIED		
--	DIMENSIONS ARE IN INCHES		
DECIMALS	TOLERANCES ON:		
XXX ± .005	1. BREAK ALL SHARP EDGES		
XX ± .01	015 x 45° PR 015 R		
X ± .1	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION	
-807	2	1018 F.B. .5x5x8.5	

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

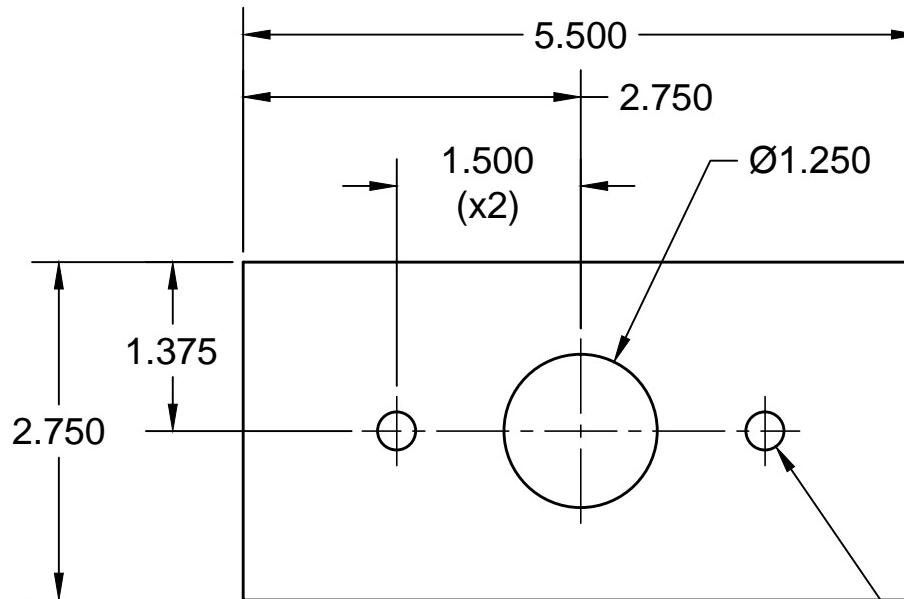


-810

PART #	QTY	DESCRIPTION	USED ON MODEL	DRAWN BY: PERRITT	TITLE	DWG NO.	SCALE	DATE	SHEET	REV
			--	APPROVED						
-810	2	1018 F.B. .75 x 1.25 x 5.5	--	HEAT TREAT	RED BARN MACHINE	145G0095	NTS	1-30-06	1 of 1	
			--	FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1					
			--		1. BREAK ALL SHARP EDGES 015 x 45° PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING					

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



D&T Ø5/16-18
(x2)

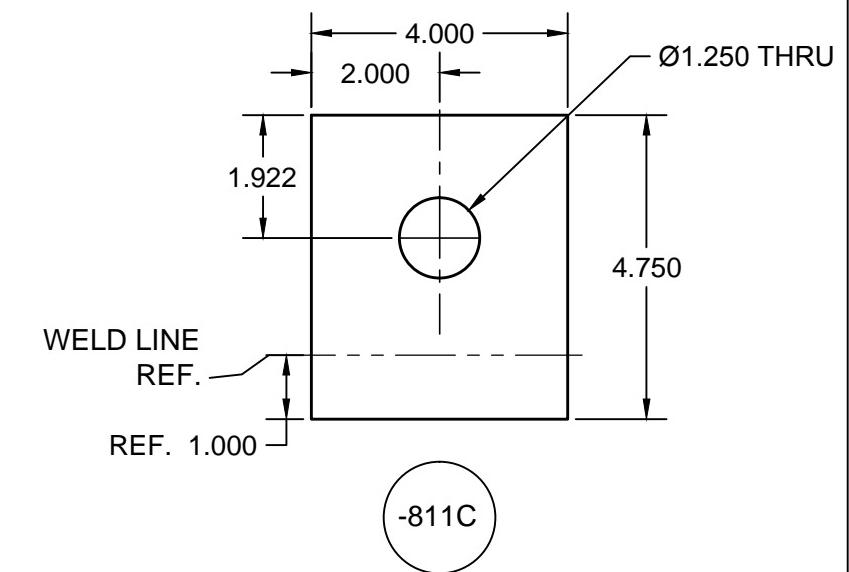
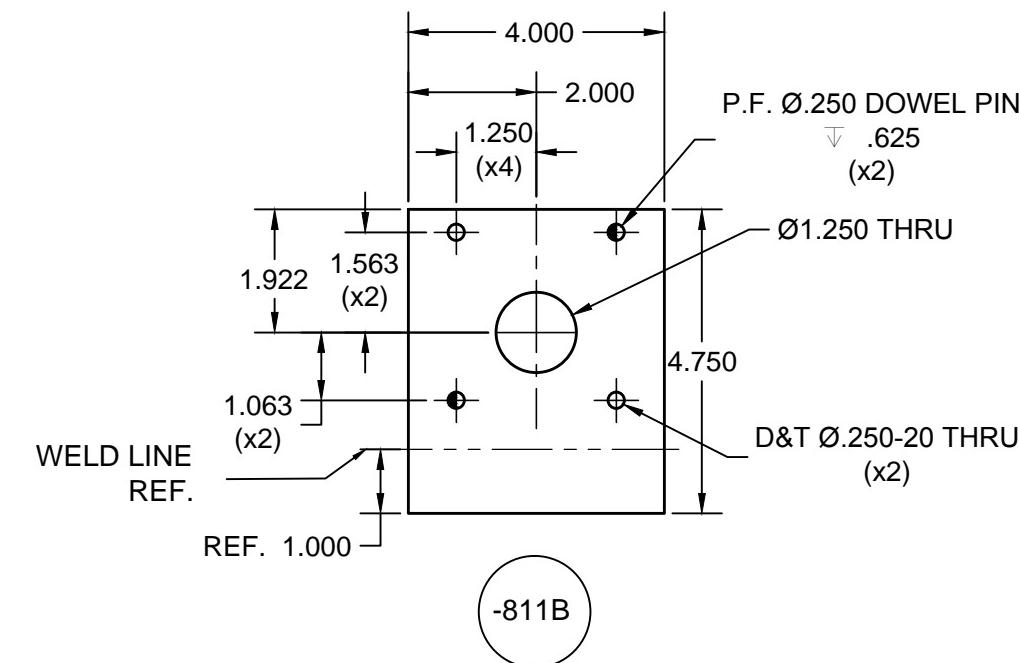
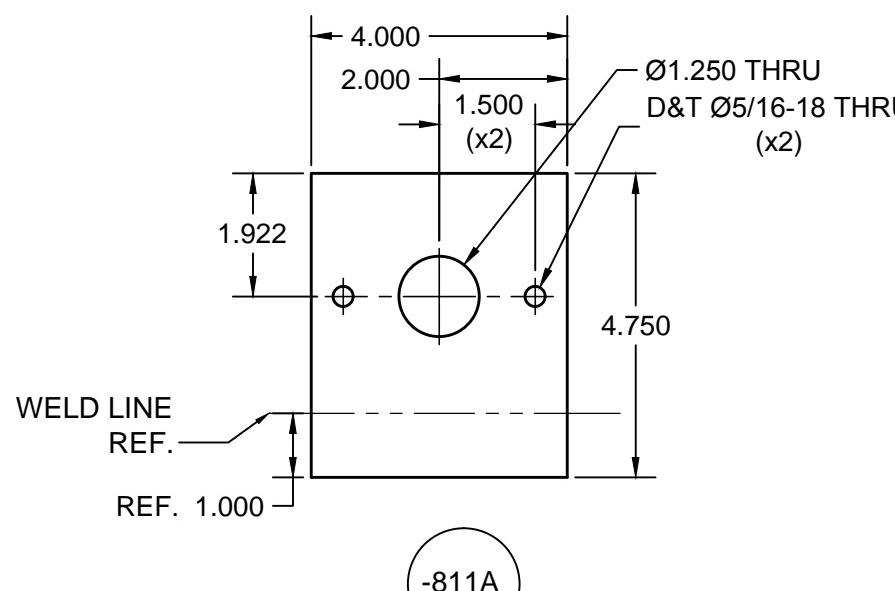
-813

PART #	QTY	DESCRIPTION
-813	1	1018 F.B. .75 x 2.75 x 5.5

DRAWN BY: PERRITT
APPROVED
HEAT TREAT
FINISH SPEC --
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
PART OF -801 ASSEM.
DWG NO. 145G0095 REV
SCALE NTS DATE 1-30-06 SHEET 1 of 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-811	3	1018 F.B. .75 x 4 x 4.75

DRAWN BY: PERRITT	RED BARN MACHINE
CHECKED	
HEAT TREAT	
FINISH SPEC	
USED ON MODEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
?	TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5°
D&T 05/16-18	D&T 0.250-20 THRU
UNLESS OTHERWISE SPECIFIED (X4) BREAK ALL SHARP EDGES .015 x .45 PR. 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DWG NO.	145G0095
SCALE	NTS
DATE	1-30-06
SHEET	5 of 5

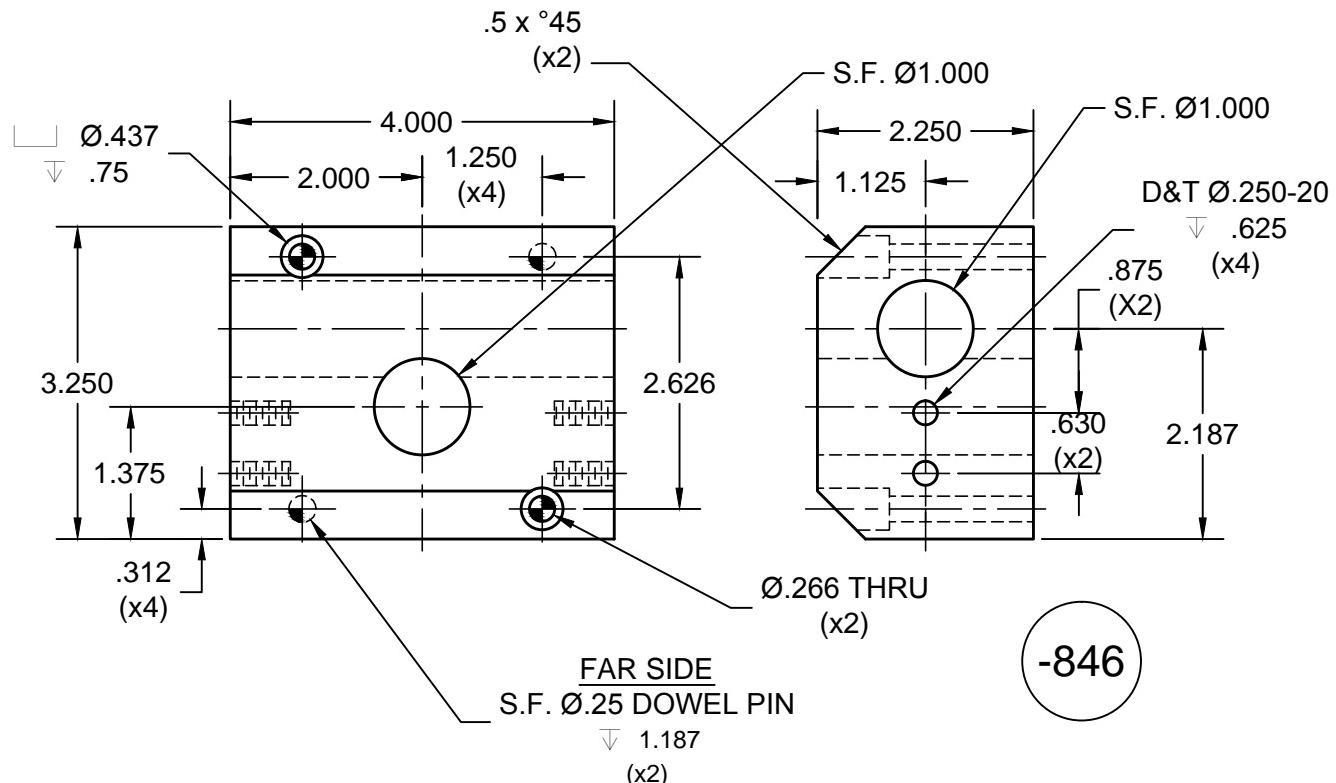
5.500

3.937 1.969

.750

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

1. MATCH THIS BOLT PATTERN TO ONE OF -811 PLATES FOR MOUNTING
2. SEE MASTER PRINTS FOR MORE INFO.

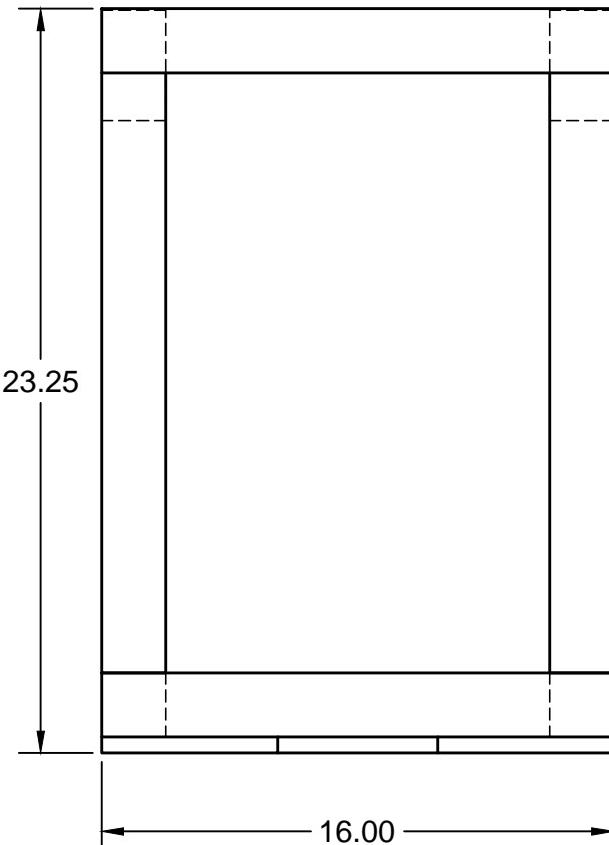
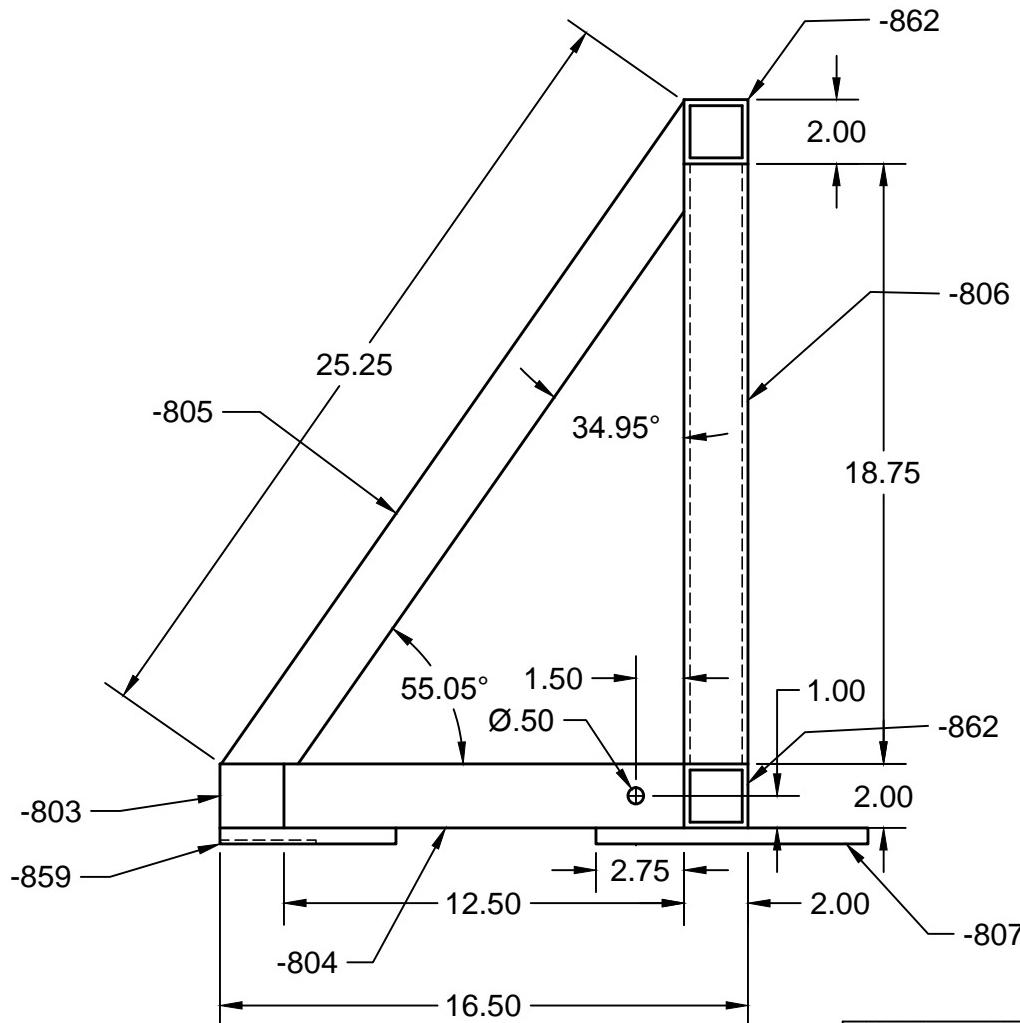
PART #	QTY	DESCRIPTION
-846	1	1018 F.B. 4 x 2.5 x 3.25

USED ON MODEL	DRAWN BY: PERRITT			
--	APPROVED			
HEAT TREAT				
FINISH SPEC	--			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
TOLERANCES ON:				
DECIMALS XXX ± .005 FRACTIONS ± 1/32				
XX ± .01 ANGLES ± 5°				
X ± .1				
UNLESS OTHERWISE SPECIFIED				
1. BREAK ALL SHARP EDGES				
015 x 45° PR 015 R				
2. DIMENSIONAL LIMITS APPLY AFTER PLATING				

RED BARN MACHINE	TITLE
PART OF -801 ASSEM.	
DWG NO. 145G0095	REV
SCALE NTS DATE 1-30-06	SHEET 1 of 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION	USED ON MODEL	DRAWN BY: PERRITT	APPROVED	HEAT TREAT	FINISH SPEC	TITLE: RED BARN MACHINE	DWG NO. 145G0095	REV
--	--	--	--				--			

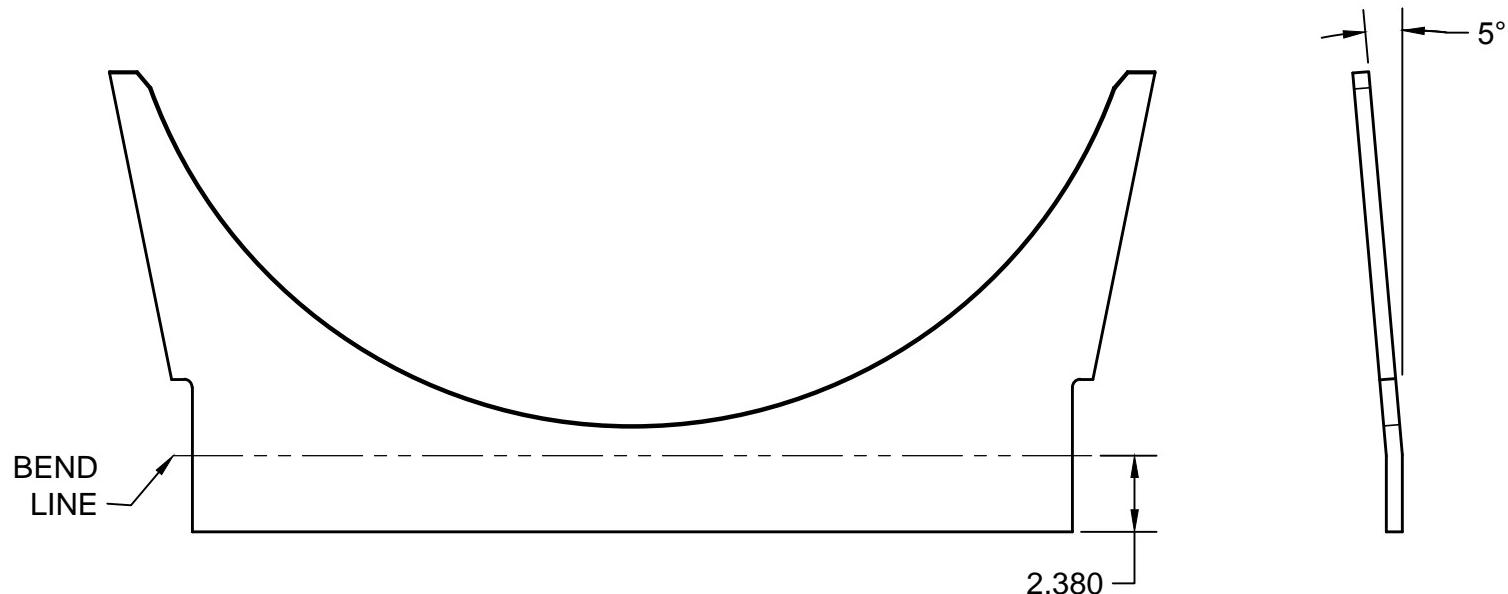
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE NTS DATE 1-24-06 SHEET 1 of 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



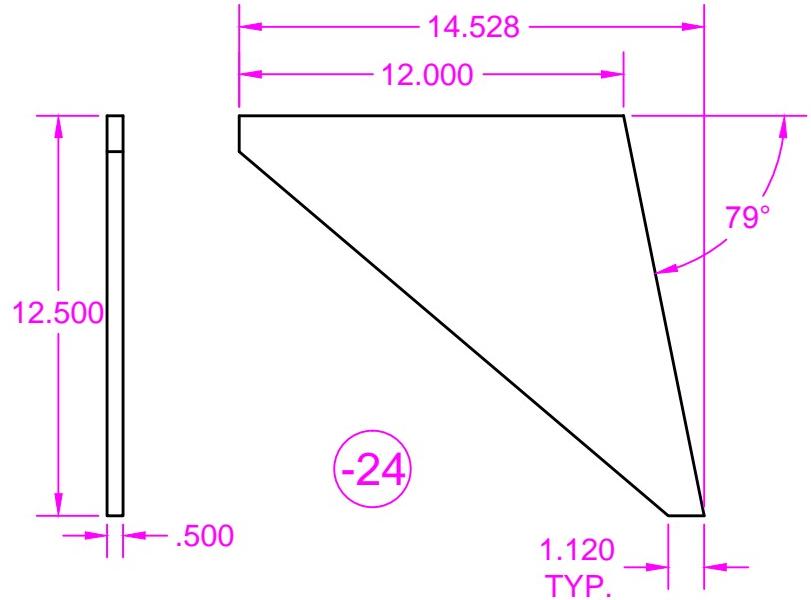
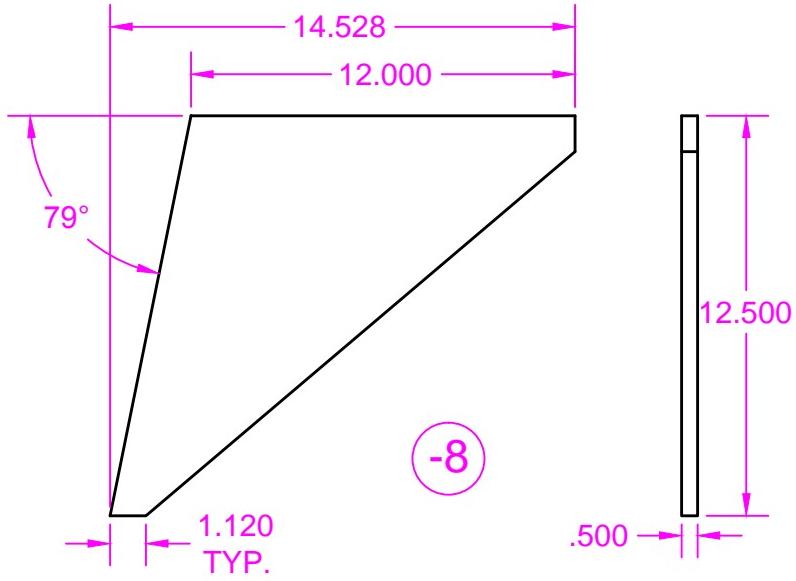
DRAWN BY:	PERRITT	TITLE	RED BARN MACHINE	
APPROVED				
HEAT TREAT				
FINISH	--			
SPEC	--			
USED ON MODEL			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
PART #	QTY	DESCRIPTION	DWG NO. 145G0095	
-11	2	H.R.S. PLATE 33 x 14-1/2 x 1/2	SCALE NTS	DATE 9-15-03 SHEET 1 of 1

414-100

CH-47D

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
015 x 45° PR 015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-8	1	H.R.S. PLATE 12-5/8 x14-5/8 x 1/2
-24	1	H.R.S. PLATE 12-5/8 x14-5/8 x 1/2

USED ON MODEL
414-100
CH-47D

DRAWN BY: PERRITT

APPROVED

HEAT
TREAT
FINISH

FINISH
SPEC

UN

TOLERA
DECIM

DECIMAL
.XXX ±

.xx

UNI

1

2. DIM

PERRITT



RED BARN MACHINE

GUSSETS

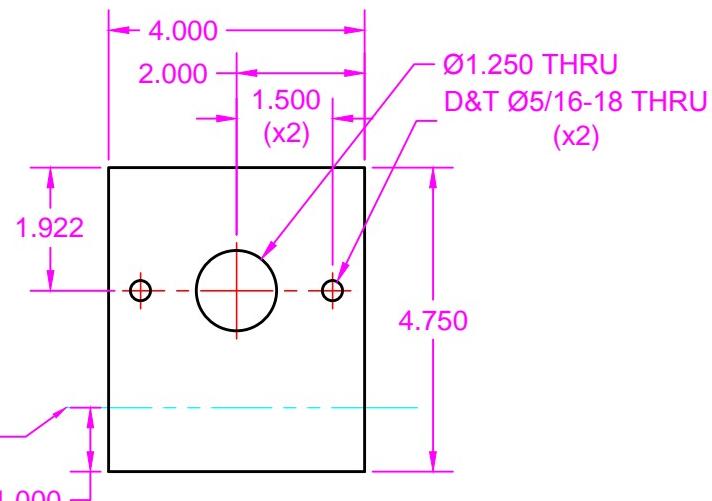
145G0095

NTS

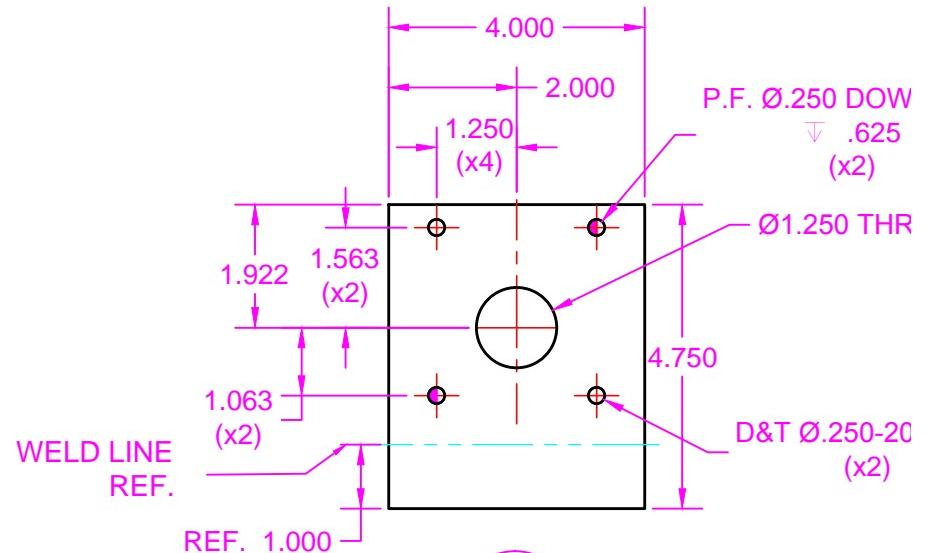
DATE 12-28-05 SHEET

RI

REVISIONS			
REV	DESCRIPTION	DATE	APPROVE



-811A



-811B

'ELD LINE
REF.

REF. 1.000

WELD LINE
REF.

REF. 1.000

PART #	QTY	DESCRIPTION
-8	1	41L40 Ø5/8 x 3/4

USED ON MODEL

?

DRAWN BY: PERRITT

APPROVED

HEAT TREAT

FINISH SPEC

-- UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS

.XXX ± .005

.XX ± .01

.X ± .1

FRACTIONS ± 1/32

ANGLES ± 5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR. .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

GUSSET

145G0095

R

TITLE

DWG NO.

SCALE

NTS

DATE

9-15-03

SHEET

1 of 1

NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	1	4140 3/16 x 1 1/2 x 4

DRAWN BY: PERRITT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	TITLE DWG NO. SCALE NTS DATE 9-15-03 SHEET 1 of 1	RB RED BARN MACHINE
CHECKED			
HEAT TREAT			
FINISH SPEC			
USED ON MODEL ?			